



**Supplementary Figure 2.** No relationship between electrically-stimulated dopamine release (A) or the maximal rate of dopamine uptake (B;  $V_{\text{max}}$ ) and rats' response to a novel environment following a five day history of cocaine self-administration (SA,  $n = 12$ ). A history of SA does not affect dopamine release (C) but does significantly reduce  $V_{\text{max}}$  (D). The lack of relationship between  $V_{\text{max}}$  and response to novel environment is not affected by a history of cocaine SA (comparing slope of regressions in Figure 1B and S1B,  $p > 0.05$ ).